Index of Claims

| Application/Control No. | Applicant(s)/Pate<br>Reexamination | ent under |
|-------------------------|------------------------------------|-----------|
| 10/598,951              | MINTEER ET A                       | L.        |
| Examiner                | Art Unit                           |           |

| <b>√</b> | Rejected |
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| - | (Through numeral)<br>Cancelled |
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| - | Restricted                     |

| N | Non-Elected  |
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| ı | Interference |

Stephen J. Kalafut

| Α | Appeal   |
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| Cla             | aim   | Date   |         |  |              |          |          |            |          |                 |
| Final           | Original  | 3/20/08  | 9/16/08 | 3/17/09  | 10/7/09      |          |          |            |          |                 |
| 1               | 1   | 1  | 1       | 7  | =            |          |          |            |          |                 |
| 2               | 2   | 7  | 7       | 1  | =            |          |          | i –        |          |                 |
|                 | 3   |  |         |  |              |          |          |            |          |                 |
| 7               | 4   | 7  | 1       | 7  | =            |          |          |            |          |                 |
|                 | 5   |  |         |  |              |          |          | _          |          |                 |
|                 | 6   |  |         |  |              |          |          | _          |          |                 |
| 3               | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8              | /  | /       | 1  | =            |          |          | ╙          |          | Ш               |
|                 | 8   |  |         | _  |              | _        |          | <u> </u>   |          | Щ               |
|                 | 9   |  |         | _  |              |          |          | <u> </u>   |          | Щ               |
| <u> </u>        | 10  | ļ_,  |         | <del>                                     </del> | _            | _        |          |            |          | $\vdash$        |
| 4               | 17  | 1  | /       | /  | =            | $\vdash$ | H        | $\vdash$   | H        | Н               |
| 10              | 12  | 1  | /       | 1  | =            | $\vdash$ | $\vdash$ | $\vdash$   |          | $\vdash \vdash$ |
| 14              | 14  | 1  | 1       | 1  | =            | $\vdash$ | -        | $\vdash$   | H        | H               |
| - <del></del> - | 15  | <del>                                     </del> | -       | <del>                                     </del> | F            | $\vdash$ |          | $\vdash$   | Н        | $\vdash$        |
|                 | 16  |  |         |  |              | $\vdash$ |          |            | H        | H               |
| 11              | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 | 1  | 1       | 1  | =            | $\vdash$ |          | $\vdash$   |          | Н               |
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|                 | 19  |  |         |  |              |          |          |            |          |                 |
|                 | 20  |  |         |  |              |          |          |            |          |                 |
|                 | 21  |  |         |  |              |          |          |            |          |                 |
|                 | 22  |  |         |  |              |          |          |            |          |                 |
|                 | 20<br>21<br>22<br>23<br>24<br>25<br>26<br>27      |  |         |  |              |          |          |            |          |                 |
|                 | 24  |  |         |  |              |          |          |            |          |                 |
|                 | 25  |  |         | <u> </u>   |              |          |          | <u> </u>   |          |                 |
|                 | 26  | _  |         | <u> </u>   | _            | _        |          | <u> </u>   |          |                 |
|                 | 27  |  |         | <u> </u>   |              |          |          | <u> </u>   |          |                 |
|                 | 28<br>29  | _  |         | _  | _            | _        |          | _          |          |                 |
| <u> </u>        | 29  | _  | _       |  | _            |          | $\vdash$ | ┡          | _        | $\vdash$        |
| -               | 30  | <u> </u>   |         | ┝  | _            | <u> </u> | _        | ┝          | _        | $\vdash$        |
| -               | 31<br>32  |  | _       | -  | _            |          | H        | ├          | -        | $\vdash$        |
| -               | 33  | $\vdash$   | _       | -  | -            | $\vdash$ | $\vdash$ | $\vdash$   | <u> </u> | $\vdash$        |
| 17              | 34  | 7  | 7       | 7  | =            | -        | $\vdash$ | -          | $\vdash$ | $\vdash$        |
| -''-            | 35  | <del>                                     </del> | <u></u> | <del>                                     </del> | <del>-</del> | -        | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$        |
|                 | 36  |  |         |  | <u> </u>     | $\vdash$ | $\vdash$ | $\vdash$   | H        | $\vdash$        |
|                 | 37  |  |         |  |              |          | $\vdash$ |            | Н        | Н               |
| 5               | 38  | 7  | 1       | 7  | =1           |          | Г        |            | Т        |                 |
|                 | 39  |  |         | _  |              |          |          |            |          |                 |
|                 | 40  |  |         |  |              |          |          |            |          |                 |
|                 | 41  |  |         |  |              |          |          |            |          |                 |
|                 | 42  |  |         |  |              |          | 匚        |            |          |                 |
|                 | 43  |  |         |  |              |          |          |            |          |                 |
|                 | 44  |  |         |  |              |          | <u> </u> | <u> </u>   | Ш        |                 |
| <u></u>         | 45  | 1  | 1       | _  |              |          | L        | <u> </u>   |          | Ш               |
|                 | 46  |  |         |  |              | _        | _        | <u> </u>   | L        | Ш               |
| <u></u>         | 47  |  | _       | <u> </u>   | _            | <u> </u> | <u> </u> | <u> </u>   | Ш        | Щ               |
|                 | 48  | /  | /       | _  |              | _        | _        | lacksquare |          | Щ               |
| L               | 49  | L  |         | _  | _            | _        | _        | <u> </u>   | Ш        | Щ               |

| Cla      | aim        | Date     |          |          |          |          |          |              |          |   |
|----------|------------|----------|----------|----------|----------|----------|----------|--------------|----------|---|
| Final    | Original   | 3/20/08  | 9/16/08  | 3/17/09  | 10/2/09  |          |          |              |          |   |
|          | 51         | 1        | 7        |          |          |          |          |              |          |   |
|          | 51<br>52   | Ė        | Ė        | -        | -        | _        | _        | -            | -        |   |
|          | 53         | 7        | 7        |          | $\vdash$ | _        | _        | -            | -        | _ |
| -        | 54         | H        | H        | -        | _        | -        | _        | <u> </u>     | _        | _ |
| <b></b>  | 55         | Н        | Н        | $\vdash$ | $\vdash$ | _        | _        |              |          |   |
| -        | 56         | $\vdash$ | $\vdash$ | ┝        | $\vdash$ | _        | ┝        | $\vdash$     | $\vdash$ | _ |
| -        | 57         | $\vdash$ | $\vdash$ | -        | $\vdash$ | _        | ⊢        | <del> </del> | $\vdash$ | _ |
| -        | 58         | $\vdash$ | -        | ┝        | -        | ┝        | <u> </u> | _            | <u> </u> | _ |
| -        | 59         | $\vdash$ | $\vdash$ | ⊢        | ⊢        | ┝        | _        | _            | -        |   |
|          | 60         |          | $\vdash$ | $\vdash$ |          |          |          |              | $\vdash$ |   |
| 10       | 61         | =        | =        | =        | ⊢        |          | _        |              |          |   |
| 18<br>19 |            | -        | -        | H        | 느        | _        | _        |              |          |   |
| 19       | 62         | =        | ٥        | <u> </u> | ا_       | <u> </u> | $\vdash$ | $\vdash$     | $\vdash$ |   |
| 200      | 63         | F        | H        | F        | ۲        | <u> </u> | <u> </u> | $\vdash$     | _        |   |
| 20       | 64         | =        | =        | =        | =        | -        | -        | _            | <u> </u> |   |
| 61       | 65         | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | _        | $\vdash$ | _            | _        |   |
| 21       | 66         | =        | =        | =        | =        | <u> </u> | <u> </u> | $\vdash$     | _        |   |
|          | 67         |          |          |          |          |          |          |              |          |   |
| 22       | 68         | =        | =        | Ξ        | =        |          | _        | _            | _        |   |
|          | 69         |          |          |          |          |          |          |              |          |   |
| 23       | <b>7</b> 0 | =        | =        | =        | =        |          |          |              |          |   |
|          | 71         |          |          |          |          |          |          |              |          |   |
| 6        | 72         |          |          |          | =        |          |          |              |          |   |
| 12<br>13 | 73<br>74   |          |          |          | =        |          |          |              |          |   |
|          | 74         |          |          |          | =        |          |          |              |          |   |
| 8        | 75         |          |          | L        | =        |          |          |              |          |   |
| 9        | 76         |          |          | 匚        | =        | _        |          |              |          |   |
| 15       | 77         |          |          |          | =        | _        |          |              |          |   |
| 16       | 78         |          |          |          | =        | _        |          |              |          |   |
|          | 79         |          |          |          | L        | _        | _        |              |          |   |
|          | 80         |          |          |          |          |          |          |              |          |   |
|          | 81         | L        | L        | L        | لـــا    | L        | L        | L            | L        |   |
|          | 82         |          |          |          |          |          |          |              |          |   |
|          | 83         |          |          |          |          | L        |          | L            |          |   |
|          | 84         |          |          |          |          |          |          |              |          |   |
|          | 85         |          |          |          |          |          |          |              |          |   |
|          | 86         |          |          |          |          |          |          |              |          |   |
|          | 87         |          |          |          |          |          |          |              |          |   |
|          | 88         |          |          |          |          |          |          |              |          |   |
|          | 89         |          |          |          |          |          |          |              |          |   |
|          | 90         |          |          |          |          |          |          |              |          |   |
|          | 91         |          |          |          |          |          |          |              |          |   |
|          | 92         |          |          | Γ        |          |          |          |              |          |   |
|          | 93         |          |          |          |          |          |          |              |          |   |
|          | 94         |          |          |          |          |          |          |              |          |   |
|          | 95         |          |          |          |          |          |          |              |          |   |
|          | 96         | Г        | П        | Г        |          |          |          |              |          |   |
|          | 97         | Г        | Н        | Г        | Н        |          |          |              |          |   |
|          | 98         |          |          |          |          |          |          | $\vdash$     |          |   |
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| 106   107   108   109   109   109   109   110   110   110   111  | $\bot \bot$  |
| 107   108   109   110   110   110   110   110   111   110  | 4  |
| 58   108     59   109     60   110     3 61   = = = = = = = = = = = = = = = = = = =  |  |
| 109  | +  |
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| 3   61   =   | +  |
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| 63   | + + -  |
| 114  | 1  |
| 65  </td <td></td>   |  |
| 67  </td <td></td>   |  |
| 2     68     =     =     =     118     119     119     120     121     120     121     121     122     122     123     123     123     123     123     123     124     125     125     126     127     126     127     128     127     128     129     130     131     130     131     132     133     133     133     133     134     134     135     136     136     137     138     139     139     139     140 <td></td>   |  |
| 69   119     3 70   =     71   120     121   122     122   123     123   124     125   125     126   127     127   128     79   129     80   130     81   131     82   133     83   134     84   134     85   135     86   136     87   138     88   139     90   140  | $\perp \perp$                                      |
| 3     70     =     =     =     120     121     121     122     123     123     123     123     123     124     125     125     126     125     126     127     128     127     128     129     130     131     130     131     132     133     133     134     132     133     134     134     135     136     136     137     138     139     139     139     139     140 <td><math>\bot \bot</math></td>   | $\bot \bot$  |
| 71   121     122   122     123   123     124   124     125   126     127   128     129   129     80   130     81   131     82   133     83   133     84   134     85   136     87   138     88   139     90   140  | ++   |
| 122  | ++   |
| 123  | ++   |
| 3   74   =   124   125     4   76   =   126   126     5   77   =   127   128   129     6   78   =   129   130   131   131   132   132   133   134   132   133   134   134   135   136   136   137   138   138   139   139   139   140   140   140   140   140   140   125   125   126   126   127   128   129   129   130   130   131   131   132   132   133   133   133   133   133   133   134   134   135   136   137   138   138   139   139   139   140   14   | ++   |
| 1 75 =   1 76 =   5 77 =   6 78 =   79 128   80 130   81 131   82 132   83 133   84 134   85 136   86 136   87 137   88 139   90 140   | ++-  |
| 76   | ++   |
| 5   77   =   127   128     5   78   =   128   129     80   130   131   131     82   132   132   133     83   133   134   134     85   135   136   137     86   136   137   138     89   139   139   140  | ++   |
| 6   78   =   128   129     80   130   131   131     81   131   132   132     83   133   134   134     85   135   136   137     86   136   137   138     87   138   139   139     90   140   140   140  | +  |
| 79   129     80   130     81   131     82   132     83   133     84   134     85   135     86   136     87   137     88   138     89   139     90   140  | ++   |
| 80 130   81 131   82 132   83 133   84 134   85 135   86 136   87 137   88 138   89 139   90 140   |  |
| 82 132   83 133   84 134   85 135   86 136   87 137   88 138   89 139   90 140   |  |
| 83 133   84 134   85 135   86 136   87 137   88 138   89 139   90 140  |  |
| 84   134     85   135     86   136     87   137     88   138     89   139     90   140   |  |
| 85 135   86 136   87 137   88 138   89 139   90 140  | $\perp$  |
| 86 136   87 137   88 138   89 139   90 140   | 4-4-   |
| 87 137   88 138   89 139   90 140  | $\perp \perp$                                      |
| 88 138   89 139   90 140   | ++   |
| 89   | <del></del>  |
| 90 140   | +  |
|  | +  |
| 91   141   141   1   | ++   |
| 92 142 142   | ++-  |
| 93 143   | <del>    -   -   -   -   -   -   -   -   -  </del> |
| 94 144 144   | $\top$   |
| 95 145   |  |
| 96 146   |  |
| 97 147   | $\Box$   |
| 98 148   | $\perp \perp$                                      |
| 99 149   | +  |
| 100  | $\bot\bot$   |